


Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	
				Filing Date	7/3/2003
				First Named Inventor	DOUGLAS
				Group Art Unit	3736
				Examiner Name	Not Assigned
Sheet	1	of	6	Attorney Docket Number	7404-543

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
MA ↑		3,623,475	11-30-1971	Sanz	
		3,685,509	08-22-1972	Bentall	
		4,151,832	05-01-1979	Hamer	
		4,360,016	11-23-1982	Sarrine	
		4,503,856	03-12-1985	Cornell et al.	
		4,517,978	05-21-1985	Levin et al.	
		4,622,974	11-18-1986	Coleman et al.	
		4,627,445	12-09-1986	Garcia et al.	
		4,637,403	01-20-1987	Garcia et al.	
		4,648,408	03-10-1987	Hutcheson et al.	
		4,653,511	03-31-1987	Goch	
		4,653,513	03-31-1987	Dombrowski	
		4,658,821	04-21-1987	Chlodo et al.	
		4,685,463	08-11-1987	Williams	
		4,787,398	11-29-1988	Garcia et al.	
		4,790,979	12-13-1988	Terminiello et al.	
		4,805,623	02-21-1989	Jobsis	
		4,850,973	07-25-1989	Jordan et al.	
		4,858,607	08-22-1989	Jordan et al.	
	4,873,993	10-17-1989	Meserol et al.		
MA ↓		4,883,068	11-28-1989	Dechow	
		4,920,977	05-01-1990	Haynes	

Examiner Signature		Date Considered	7/20/06
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U.S. PATENT DOCUMENTS					
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MA ↑		4,924,879	05-15-1990	O'Brien	
		4,953,552	09-04-1990	DeMarzo	
		4,976,724	12-11-1990	Nieto et al.	
		4,994,068	02-19-1991	Hufnagle	
		5,002,054	03-26-1991	Ash et al.	
		5,014,718	05-14-1991	Mitchen	
		5,029,583	07-09-1991	Meserol et al.	
		5,035,704	07-30-1991	Lambert et al.	
		5,054,499	10-08-1991	Swierczek	
		5,066,859	11-19-1991	Karkar et al.	
		5,070,886	12-10-1991	Mitchen et al.	
		5,100,620	03-31-1992	Brenneman	
		5,108,889	04-28-1992	Smith	
		5,163,442	11-17-1992	Ono	
		5,165,418	11-24-1992	Tankovich	
		5,201,324	04-13-1993	Swierczek	
		5,217,480	06-08-1993	Haber et al.	
		5,231,993	08-03-1993	Haber et al.	
		5,277,198	01-11-1994	Kanner et al.	
✓		5,279,294	01-18-1994	Anderson et al.	
MA		5,318,583	06-07-1994	Rabenau et al.	
		5,318,584	06-07-1994	Lange et al.	

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MA ↑		5,320,607	06-14-1994	Ishibashi	
		5,368,047	11-29-1994	Suzuki et al.	
		5,395,387	03-07-1995	Burns	
		5,402,798	04-04-1995	Swierczek et al.	
		5,569,212	10-29-1996	Brown	
		5,582,184	12-10-1996	Erickson et al.	
		5,628,309	05-13-1997	Brown	
		5,628,764	03-21-1995	Schraga	
		5,638,828	06-17-1997	Lauks et al.	
		5,682,233	10-28-1997	Brinda	
		5,700,695	12-23-1997	Yassinzadeh et al.	
		5,879,311	03-09-1999	Duchon et al.	
		5,891,053	04-06-1999	Sesekura	
		5,935,864	08-10-1999	Schramm et al.	
		5,947,957	09-07-1999	Morris	
		5,948,695	06-17-1997	Douglas et al.	
		6,056,701	05-02-2000	Duchon et al.	
		6,099,484	08-08-2000	Douglas et al.	
	6,162,639	12-19-2000	Douglas		
	6,271,045	B1	08-07-2001	Douglas et al.	
V MA		6,352,514	B1	03-05-2002	Douglas et al.
		6,455,324	B1	09-24-2002	Douglas

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MA		D 254,444	03-11-1980	Levine	

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Attorney Docket Number		7404-543					
Sheet 5 of 6							
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ - Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	<input type="checkbox"/>	
MA ↑ ↓ MA		DE 3,508,365	08-29-1985			<input type="checkbox"/>	
		DE 34 26 090	04-18-1985			<input type="checkbox"/>	
		DE 37 08 031	11-12-1987			<input type="checkbox"/>	
		EP 0 453 283	10-23-1991			<input type="checkbox"/>	
		JP 08000598	01-09-1996			<input type="checkbox"/>	
		WO 85/04089	09-26-1985			<input type="checkbox"/>	
		WO 88/00812	02-11-1988			<input type="checkbox"/>	
		WO 95/10223	04-20-1995			<input type="checkbox"/>	
	WO 97/43962	11-27-1997			<input type="checkbox"/>		

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		Examiner Name	Not Assigned
Sheet 6 of 6	Attorney Docket Number	7404-543	
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. 1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	T ²
MA		Critical Reviews in Bioengineering, 1990	<input type="checkbox"/>
↑		Critical Reviews in Biochemical Engineering, 1990	<input type="checkbox"/>
		ASH ET AL., "Subcutaneous Capillary Filtrate Collector for Measurement of Blood Glucose", ASAIO Journal, 1992	<input type="checkbox"/>
		ASH ET AL., "A Subcutaneous Capillary Filtrate Collector for Measurement of Blood Chemistries", ASAIO Journal, 1993	<input type="checkbox"/>
		BRACE ET AL., "Re-evaluation of the Needle Method for Measuring Interstitial Fluid Pressure", American Journal of Physiology, 1975	<input type="checkbox"/>
		GINSBERG, "An Overview of Minimally Invasive Technology", Clinical Chemistry, 1992	<input type="checkbox"/>
		JANLE-SWAIN ET AL., "Use of a Capillary Filtrate Collector for Monitoring Glucose in Diabetics", ASAIO Journal, 1987	<input type="checkbox"/>
		KAYASHIMA ET AL., "Suction Effusion Fluid from Skin and Constituent Analysis: New Candidate for Interstitial Fluid", American Journal of Physiology, 1992	<input type="checkbox"/>
↓		KORTHUIS ET LA., "Interstitial & Lymphatic Techniques",	<input type="checkbox"/>
MA		TURNER ET AL., "Diabetes Mellitus: Biosensors for Research and Management", Biosensors, 1985	<input type="checkbox"/>

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MA 		5,145,565	09-08-1992	Kater et al.	
		5,152,775	10-06-1992	Ruppert	
		5,188,118	02-23-1993	Terwilliger	
		5,189,751	03-02-1993	Giuliani et al.	
		5,222,504	01-29-1993	Solomon	
		5,320,808	06-14-1994	Holen et al.	
		5,415,169	05-16-1995	Siczek et al.	
		5,472,427	12-05-1995	Rammier	
		5,474,084	12-12-1995	Cunniff	
		5,514,152	05-07-1996	Smith	
		5,529,074	06-25-1996	Greenfield	
		5,575,403	11-19-1996	Charlton et al.	
		5,630,986	02-20-1997	Charlton et al.	
		5,632,410	05-27-1997	Moulton et al.	
		5,714,390	02-03-1998	Hallowitz et al.	
		5,720,924	02-24-1998	Eikmeier et al.	
		5,738,244	04-14-1998	Charlton et al.	
		5,758,643	06-02-1998	Wong et al.	
		5,776,157	07-07-1998	Thorne et al.	
		5,788,651	08-04-1998	Weilandt	
MA		5,800,781	09-01-1998	Gavin et al.	
		5,801,057	09-01-1998	Smart et al.	

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		5,823,973	10-20-1998	Racchini, et al.	
		5,830,219	11-03-1998	Bird et al.	
		5,846,490	12-08-1998	Yokota et al.	
		5,854,074	12-29-1998	Charlton et al.	
		5,855,801	01-05-1999	Lin et al.	
		5,863,800	01-26-1999	Elkmeier et al.	
		5,871,494	02-16-1999	Simons et al.	
		5,880,829	03-09-1999	Kauhaniemi et al.	
		5,885,211	03-23-1999	Eppstein et al.	
		5,916,229	06-29-1999	Evans	
		5,935,075	08-10-1999	Casscells et al.	
		5,938,679	08-17-1999	Freeman et al.	
		5,951,582	09-14-1999	Thome et al.	
		5,968,063	10-19-1999	Chu et al.	
		5,971,941	10-26-1999	Simons et al.	
		5,997,561	12-07-1999	Bocker et al.	
		6,027,459	02-22-2000	Shain et al.	
		6,036,924	03-14-2000	Simons et al.	
	6,048,352	04-11-2000	Douglas et al.		
↓		6,071,294	06-06-2000	Simons et al.	
MA		6,093,156	07-25-2000	Cunningham et al.	


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		6,139,562	10-31-2000	Mauze et al.	
		6,143,164	11-07-2000	Heller et al.	
		6,152,942	11-28-2000	Brenneman et al.	
		6,155,992	12-05-2000	Henning et al.	
		6,156,051	12-05-2000	Schraga	
		6,159,424	12-12-2000	Kauhaniemi et al.	
		6,171,325	01-09-2001	Mauze et al.	
		6,176,865 B1	01-23-2001	Mauze et al.	
		6,183,489 B1	02-06-2001	Douglas et al.	
		6,193,673 B1	02-27-2001	Viola et al.	
		6,203,504	03-20-2001	Latterell et al.	
		6,210,420 B1	04-03-2001	Mauze et al.	
		6,210,421 B1	04-03-2001	Bocker et al.	
		6,228,100 B1	05-08-2001	Schraga	
		6,231,531 B1	05-15-2001	Lum et al.	
	6,261,241 B1	07-17-2001	Burbank et al.		
↓		6,261,245 B1	07-17-2001	Kawai et al.	
MA		6,283,926	09-04-2001	Cunningham et al.	


Examiner Signature		Date Considered	7/20/06
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/612,852
				Filing Date	7/3/2003
				First Named Inventor	DOUGLAS, J. ROE, RADWANSKI, DUCHO
				Group Art Unit	3736
				Examiner Name	Not Assigned
Sheet	5	of	7	Attorney Docket Number	7404-543
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
MA ↑		6,285,454	09-04-2001	Douglas et al.	
		6,306,104 B1	10-23-2001	Cunningham et al.	
		6,306,152	10-23-2001	Verdonk et al.	
		6,315,738 B1	11-13-2001	Nishikawa et al.	
		6,319,210 B1	11-20-2001	Douglas et al.	
		6,332,871 B1	12-25-2001	Douglas et al.	
		6,364,889	04-02-2002	Kheiri et al.	
		6,364,890 B1	04-02-2002	Lum et al.	
		6,375,627	04-23-2002	Mauze et al.	
		6,379,317 B1	04-30-2002	Kintzig et al.	
		6,379,969 B1	04-30-2002	Mauze et al.	
		6,391,005 B1	05-21-2002	Lum et al.	
		6,402,701 B1	06-11-2002	Kaplan et al.	
		6,402,704 B1	06-11-2002	McMorrow	
		6,409,740	06-25-2002	Kuhr et al.	
		6,461,496	10-08-2002	Feldman et al.	
		6,472,220 B1	10-29-2002	Simons et al.	
		6,485,439 B1	11-26-2002	Roe et al.	
		6,488,891	12-03-2002	Mason et al.	
	6,491,709 B2	12-10-2002	Sharma et al.		
↓		6,497,845	12-24-2002	Sacherer	
MA		6,503,210	01-07-2003	Hirao et al.	

Examiner Signature		Date Considered	7/20/06
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				Application Number	10/612,852
				Filing Date	7/3/2003
				First Named Inventor	DOUGLAS, J. ROE, RADWANSKI, DUCHO
				Group Art Unit	3736
				Examiner Name	Not Assigned
Sheet	6	of	7	Attorney Docket Number	7404-543
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
MA		6,506,575	01-14-2003	Knappe et al.	
↑		US 2001/0031931 A1	10-18-2001	Cunningham et al.	
		US 2002/0002344 A1	01-03-2002	Douglas et al.	
		US 2002/0004196 A1	01-10-2002	Whitson	
		US 2002/0052618 A1	05-02-2002	Haar et al.	
↓		US 2002/0082543 A1	06-27-2002	Park et al.	
MA		US 2002/0103499 A1	08-01-2002	Perez et al.	

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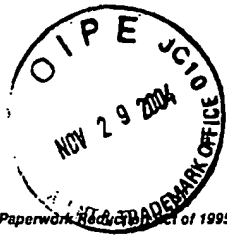
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				Application Number		10/612,852	
				Filing Date		7/3/2003	
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				Group Art Unit		3736	
Examiner Name		Not Assigned					
Sheet	7	of	7	Attorney Docket Number		7404-543	
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite 1 No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T6
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MA ↑ ↓ MA		JP 04194660	A1	11-27-1990	Omron Corp		<input checked="" type="checkbox"/>
		JP 2000116768	A2	04-25-2000	Terumo Corp		<input checked="" type="checkbox"/>
		WO 01/00090	A1	01-04-2001	Vos		<input type="checkbox"/>
		WO 01/34029	A1	05-17-2001	ARKRAY, INC.		<input type="checkbox"/>
		WO 01/66010	A1	09-13-2001	Fritz et al.		<input type="checkbox"/>
		WO 02/056769	A1	07-25-2002	MATSUSHITA EL		<input type="checkbox"/>
		WO 97/42888		11-20-1997	Douglas et al.		<input type="checkbox"/>

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Substitute for form 1449A/PTO		Complete if Known	
		Application Number	10/612,852
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	7/3/2003
		First Named Inventor	DOUGLAS, J. ROE, RADWANSKI, DUCHON
		Group Art Unit	3736
		Examiner Name	Not Assigned
(use as many sheets as necessary)		Attorney Docket Number	7404-543
Sheet	1	of	73

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
MA ↑		0,720,906	02-17-1903	Eilrich et al.	
		4,983,178	01-08-1991	Schnell	
		5,212,879	05-25-1993	Biro et al.	
		5,314,441	05-24-1994	Cusack et al.	
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		5,476,474	12-19-1995	Davis et al.	
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		5,757,666	05-26-1998	Schreiber et al.	
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		5,879,367	03-09-1999	Latterell et al.	
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		6,071,250	06-06-2000	Douglas et al.	
		6,206,841	03-27-2001	Cunningham et al.	
		6,530,892	03-11-2003	Kelly	
		US 2003/0069509 A1	04-10-2003	Matzinger et al.	
		US 2003/0083685 A1	05-01-2003	Freeman et al.	
		US 2003/0083686 A1	05-01-2003	Freeman et al.	
		US 2003/0088191 A1	05-08-2003	Freeman et al.	
		US 2003/0191415 A1	10-09-2003	Moerman et al.	
MA ↓		US 2003/0199789 A1	10-23-2003	Boecker et al.	
		US 2003/0199790 A1	10-23-2003	Boecker et al.	

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Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/612,852	
			Filing Date	7/3/2003	
			First Named Inventor	DOUGLAS, J. ROE, RADWANSKI, DUCHON	
			Group Art Unit	3736	
			Examiner Name	Not Assigned	
Sheet	2	of	13	Attorney Docket Number	7404-543
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
MA ↑ ↓ MA		US 2003/0199791 A1	10-23-2003	Boecker et al.	
		US 2003/0199898 A1	10-23-2003	Boecker et al.	
		US 2003/0199899 A1	10-23-2003	Boecker et al.	
		US 2003/0199902 A1	10-23-2003	Boecker et al.	
		US 2003/0199903 A1	10-23-2003	Boecker et al.	
		US 2003/0199911 A1	10-23-2003	Boecker et al.	
		US 2003/0208140 A1	11-06-2003	Pugh	
		US 2003/0212424 A1	11-13-2003	Briggs et al.	
		US 2003/0233112 A1	12-18-2003	Alden et al.	
		US 2003/0233113 A1	12-18-2003	Alden et al.	

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				Application Number	10/612,852		
				Filing Date	7/3/2003		
				First Named Inventor	DOUGLAS, J. ROE, RADWANSKI, DUCHON		
				Group Art Unit	3736		
				Examiner Name	Not Assigned		
Sheet	3	of	3	Attorney Docket Number	7404-543		
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite 1 No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	6
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		WO 02/08753	A2	01-31-2002	Hypoguard Limited		<input type="checkbox"/>
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		WO 99/44508		09-10-1999	Spectrx, Inc.		<input type="checkbox"/>

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		Application Number		10/612,852			
		Filing Date		7/3/2003			
		First Named Inventor		DOUGLAS, J. ROE, RADWANSKI, DUCHO			
		Group Art Unit		3736			
		Examiner Name		Marmor, Charles Alan II			
Sheet	1	of	1	Attorney Docket Number		7404-543	
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite ¹ No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ²	Number ³ Kind Code ⁴ (if known)				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	10612852
Filing Date	2003-07-03
First Named Inventor	DOUGLAS et al.
Art Unit	3736
Examiner Name	Marmor, Charles Alan II
Attorney Docket Number	7404-543

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
MA	1	5510266		1996-04-23	Bonner et al.	
MA	2	6808499		2004-10-26	Churchill et al.	

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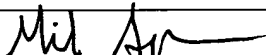
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STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

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Filing Date	2003-07-03
First Named Inventor	DOUGLAS et al.
Art Unit	3736
Examiner Name	Marmor, Charles Alan II
Attorney Docket Number	7404-543

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
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STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10612852
Filing Date	2003-07-03
First Named Inventor	DOUGLAS et al.
Art Unit	3736
Examiner Name	Apanius, Michael
Attorney Docket Number	7404-543

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
MA	1	3640267		1972-02-08	Hurtig et al.	
MA	2	4837049		1989-06-06	Byers et al.	
MA	3	5290420		1994-03-01	Matson	
MA	4	5591139		1997-01-07	Lin et al.	
MA	5	5636640		1997-06-10	Staehlin	
MA	6	6120676		2000-09-19	Heller et al.	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10612852
Filing Date		2003-07-03
First Named Inventor	DOUGLAS et al.	
Art Unit	3736	
Examiner Name	Apanius, Michael	
Attorney Docket Number	7404-543	

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MA	1	FR2590673	FR		1987-05-29	Bally		<input checked="" type="checkbox"/>
MA	2	JP02-120655	JP	A1	1990-05-08	NOK Corp		<input checked="" type="checkbox"/>
MA	3	JP09-089885	JP	A1	1997-04-04	Dainippon Printing Co. Ltd.		<input checked="" type="checkbox"/>
MA	4	JP09-294737	JP	A1	1997-11-11	Dainippon Printing Co. Ltd.		<input checked="" type="checkbox"/>
MA	5	WO91/06855	WO	A1	1991-05-16	Tittel et al.		<input type="checkbox"/>

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EXAMINER SIGNATURE

Examiner Signature		Date Considered	7/20/06
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